

11

13

15

17

Landseid

Truro

Bristol

Manchester

Glasgow

Oban

John o' Groats

Southampton

Leeds

Edinburgh

End-to-end CR-LSP 18

QoS Capable Tunnels (CR-LSP) 12

Payload 16

Label 1

Label 2 14

Fig. 1

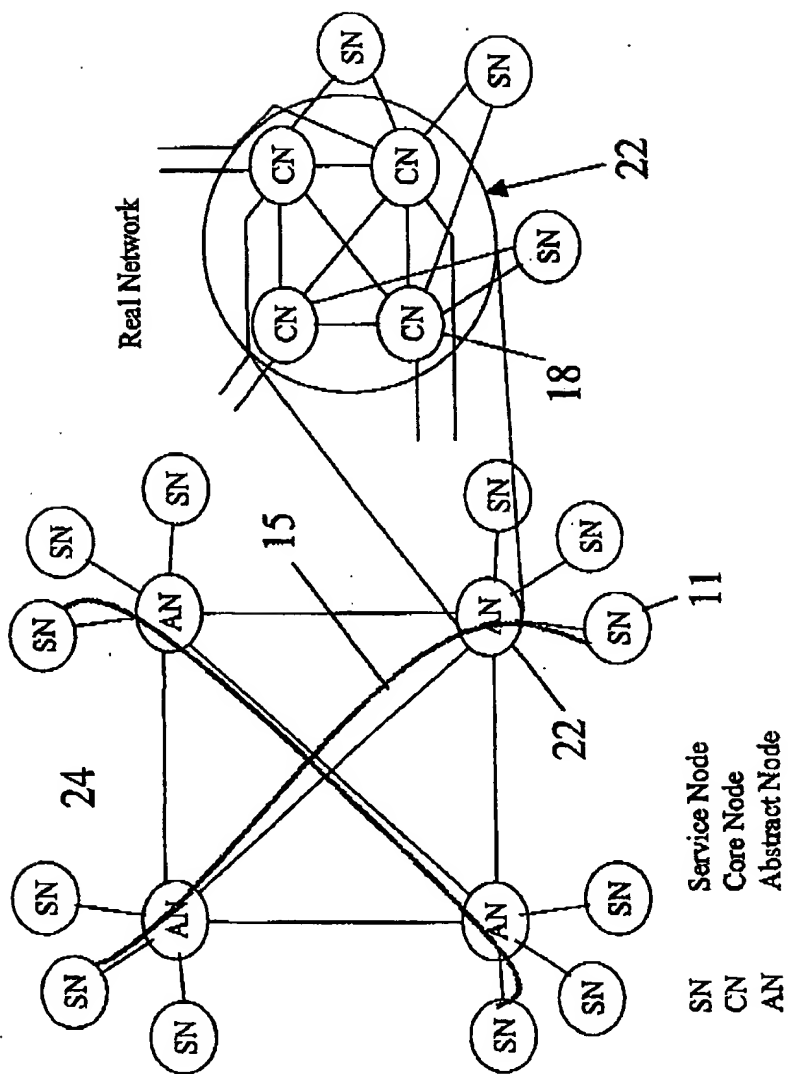


Fig. 2

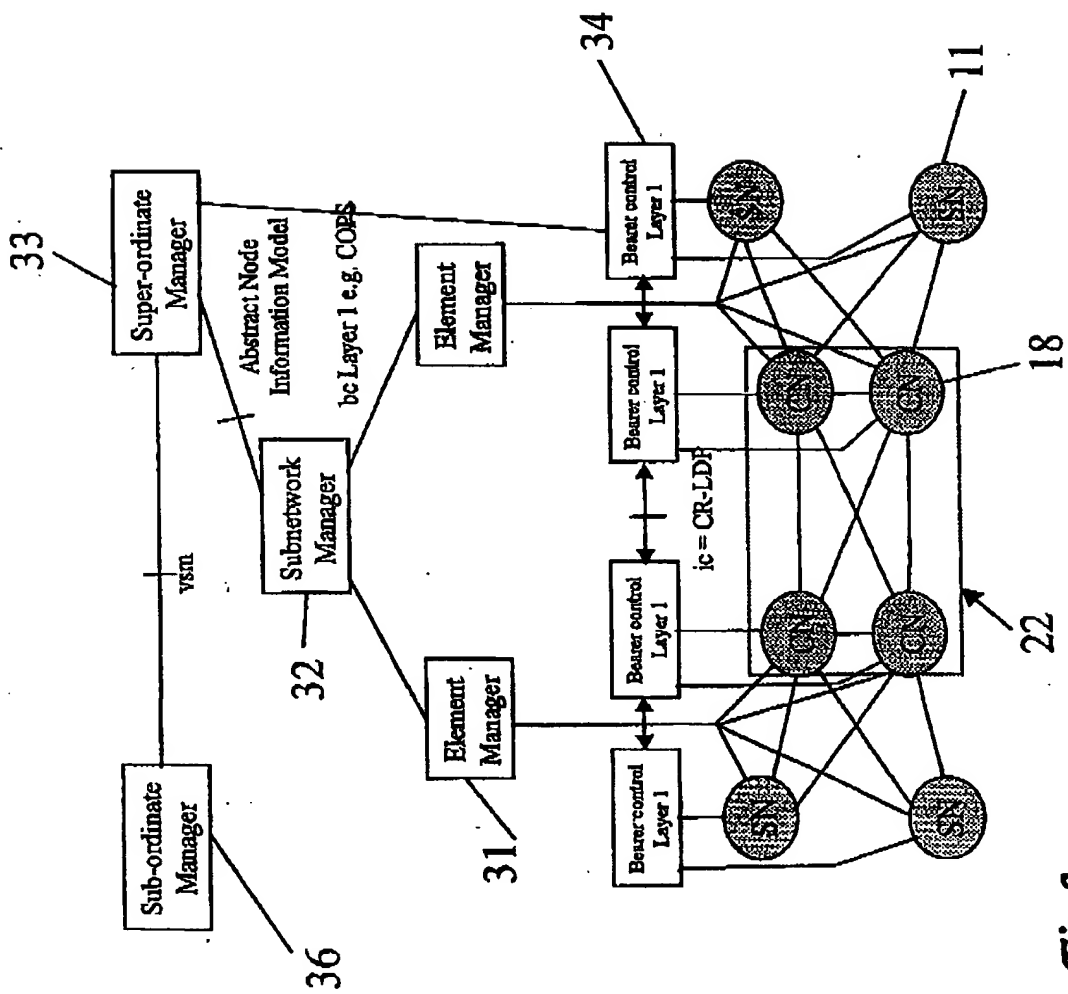


Fig.3

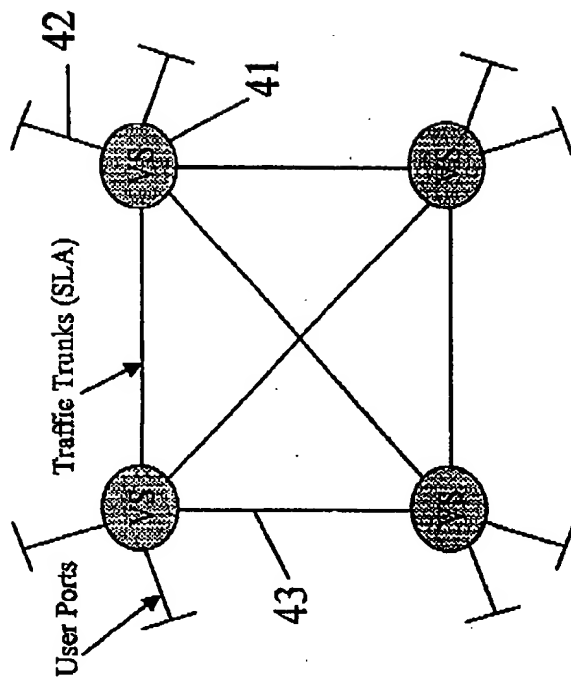
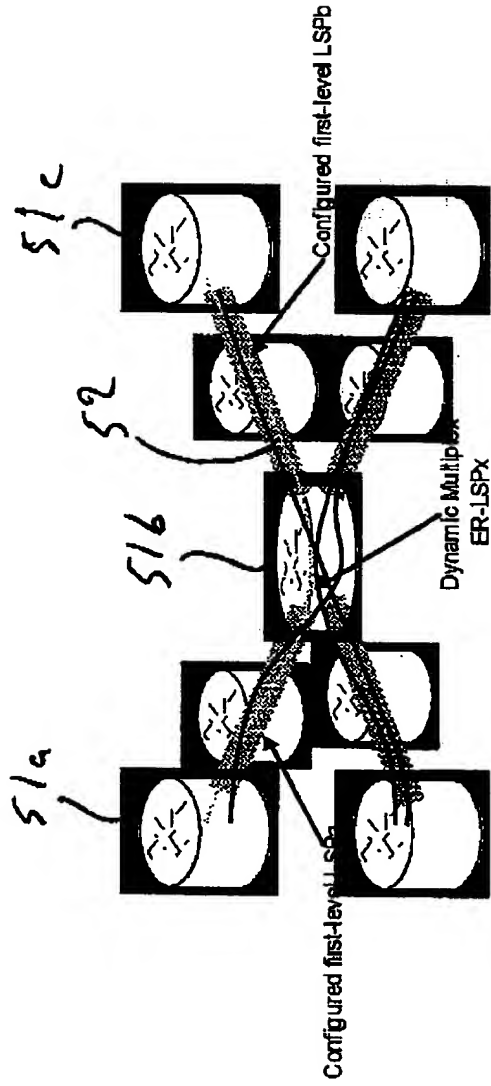


Fig. 4



Dynamic Multiplex ER-LSP may be used to switch a new session if and only if the capacity contracts of LSP a and LSP b are not exceeded by this new request.

Figure 5 Dynamic Multiplex ER-LSP

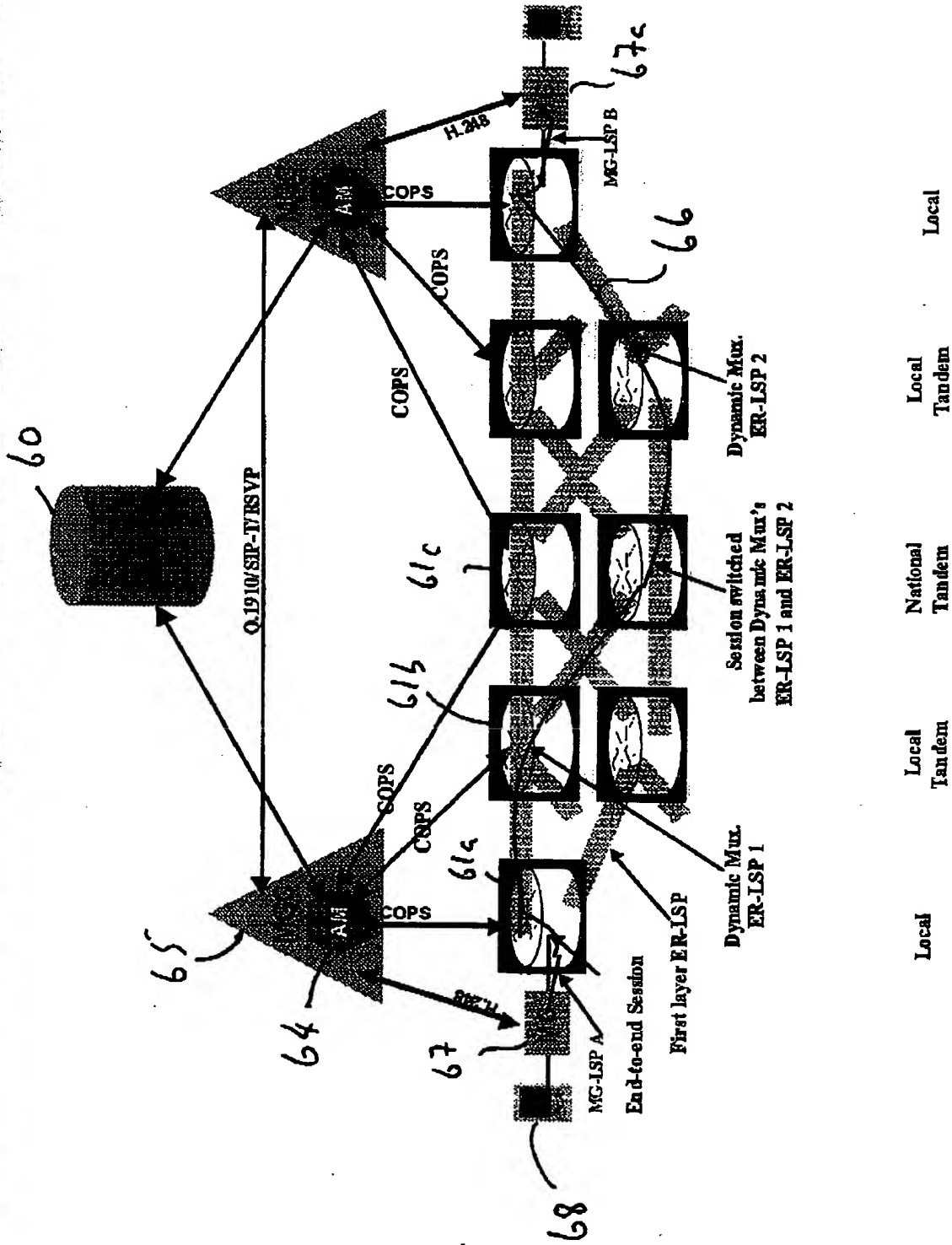
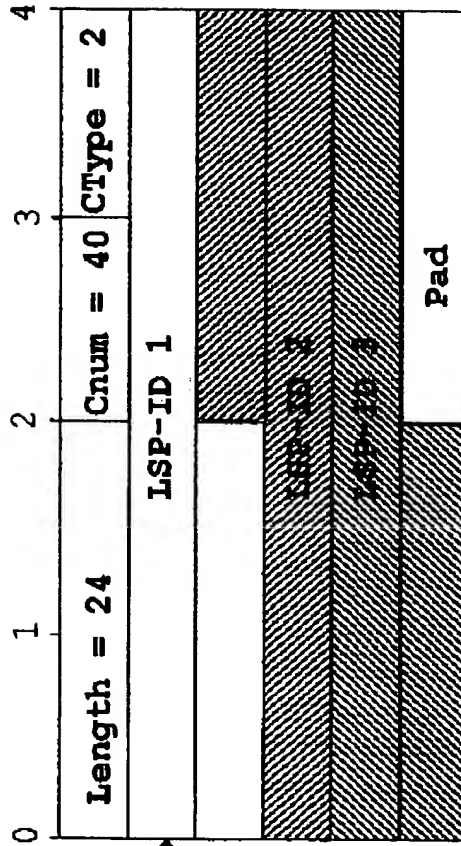
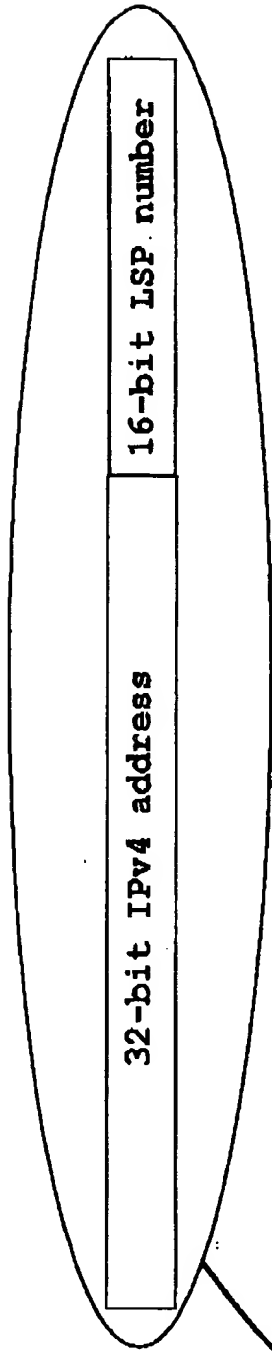


Figure 6 Five-stage VPN with Peer-layer Label Control

00000000 00000000



dy: sun 7

Figure 10 COPS Specific Object for LSP-IDs

Direction of Packet Flow



[illegible]

589

Figure 8 Packet Formats on Ingress and Egress for Five-stage MPLS Network

LSP-ID List:

(MG-LSP A, DM-LSP Ax, Ay, Az)

(MG-LSP A, DM-LSP A, DM-LSP B, MG-LSP B)

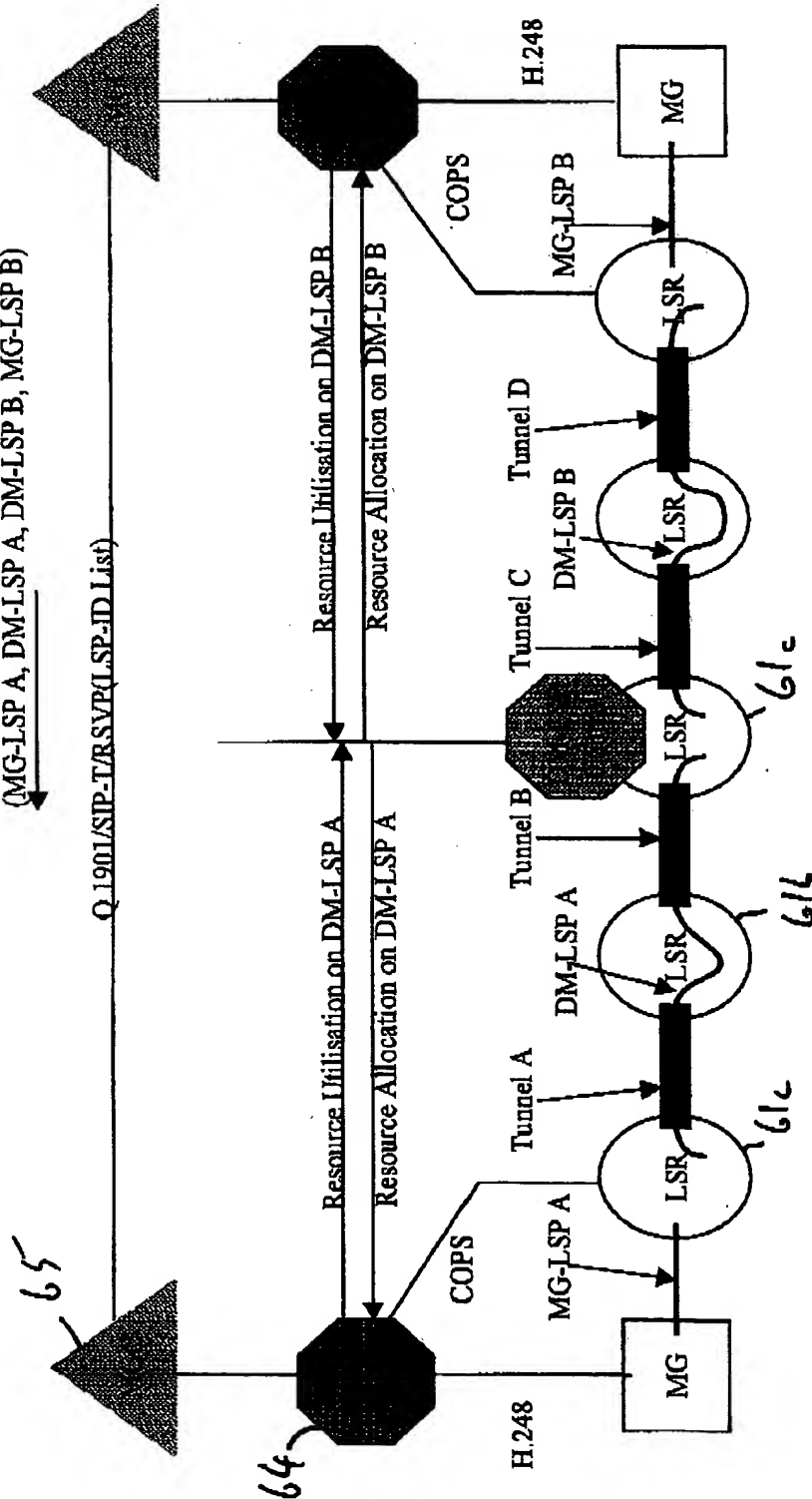


Fig 10

Figure 9 Control Environment for Five-stage MPLS Network